Data Scientist, GS-11
Location: Fort Huachuca, AZ

This role works under close supervision and works in a developmental capacity performing assignments and completing training, both of which are aimed at preparing the incumbent for the knowledge and skills necessary to perform the duties outlined in the aforementioned job description. The incumbent receives progressively more responsible assignments as experience and training are received to higher levels. Incumbent may be promoted pending time in grade requirements and demonstrated ability to perform higher-level duties.

MAJOR DUTIES:

Serves as an Operations Research (OR) Analyst or Data Scientist, either as an independent analyst or team participant with responsibility for conducting advanced analyses within the tactical and strategic Information Technology Environment (ITE). Applies the rigors of the OR and Data Science disciplines in developing or analyzing personnel manpower models of complex Department of Defense (DoD) and Department of the Army (DA) major information technology systems and networks to ensure that manpower model cost estimates and cost justification from the command's planning and decision processes are accurately translated into reliable and defensible inputs to the Army's Planning, Programming, Budgeting, and Execution System (PPBES), for example, the Training Resource Model (TRM). Establishes the Command cost position on ITE issues, projects, programs, and initiatives prior to their presentation outside the command. Provides technical assistance and consultation support to the Headquarters, United States Army Network Enterprise Technology Command (NETCOM) and its subordinate commands, DoD, DA, and Headquarters Army Cyber Command (ARCYBER) on issues relating to the conduct of cost and economic analysis.

1. Performs project assignments characterized as complex, that guidelines such as initial source or research data are typically inadequate, inappropriate, or frequently lacking. Exercises considerable originality to define the problem, visualize the approaches, provide technical guidance and coordination, and apply and extend new methods requiring innovativeness in the application of OR, data science, computer science, mathematics, statistics, as well as simulation and modeling. Assures that all cost and economic analyses performed or reviewed conform to the current office of the Secretary of Defense (OSD) and DA guidance. The incumbent selects and applies complex analytical approaches for the study, provides professional assessments, coordinates work products, and prepares reports and briefings which summarize results derived from documentation, assumptions, facts, and approaches. Coordinates completed studies and analyses with the headquarters staff and its subcommands, DoD, Army Cyber Command, HQDA, and other services or agencies as required. Incumbent attends routine and regular Sensitive Compartmented Information (SCI) video teleconferences (VTC), meetings and working groups, which require access to Top Secret/SCI materials, equipment, programs, facilities and systems.

    Approximately 75%

2. Coordinates specific analysis activities for major information technology systems and networks within NETCOM and other agencies to include analytics involving the proper resourcing, operation, maintenance, and security of Army networks. Provides professional interpretation of the Army's policies, directives, procedures, and implementation guidance for execution on programs within the ITE. Provides technical advice and assistance to NETCOM and subcommand personnel to include mathematical and statistical techniques. Maintains liaison with both operational and technical personnel at MACOMs, government agencies, and professional societies to facilitate the mutual exchange of new operation research and data science techniques, methods, and factors. Furnishes technical guidance to lower-graded analysts concerning approaches, solutions, and methodologies in the OR arena.

Approximately 25%

Performs other duties as assigned.

Salary Range: $67,109 - $87,237 annually